Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG052920\
Data File : BG045521.D
Acq On : 29 May 2020 13:18
Operator : CG/JU
Sample : PB129160BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB129160BSD

Manual Integrations APPROVED
mohammad
6/1/2020 12:22:40 PM

Quant Time: May 29 14:05:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 11:17:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	67325	20.00	ng		0.00
21) Naphthalene-d8	10.76	136	269610	20.00	ng		0.00
39) Acenaphthene-d10	14.60	164	195171	20.00	ng		0.00
64) Phenanthrene-d10	17.35	188	462017	20.00	ng		0.00
76) Chrysene-d12	21.61	240	431514	20.00	ng		0.00
87) Perylene-d12	24.75	264	479376	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	526651	152.88	ng		0.00
7) Phenol-d6	7.16	99	736131	150.13	ng		0.00
23) Nitrobenzene-d5	9.12	82	461712	93.39	ng		0.00
42) 2,4,6-Tribromophenol	16.10	330	352535	141.24	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	1064976	92.56	ng		0.00
79) Terphenyl-d14	19.96	244	1796552	97.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	65337	38.25	ng		96
3) Pyridine	3.80	79	152950	32.15	ng		95
4) n-Nitrosodimethylamine	3.71	42	70406	45.22	ng		97
6) Aniline	7.28	93	250388	39.12	ng		99
8) 2-Chlorophenol	7.53	128	196549	52.03	ng		98
9) Benzaldehyde	7.08	77	125591	39.31	ng		96
10) Phenol	7.19	94	259518	51.35	ng		98
11) bis(2-Chloroethyl)ether	7.37	93	185061	46.95	ng		99
12) 1,3-Dichlorobenzene	7.84	146	203741	44.88	ng		99
13) 1,4-Dichlorobenzene	7.99	146	209352	46.73	ng		99
14) 1,2-Dichlorobenzene	8.31	146	199072	46.20	ng		95
15) Benzyl Alcohol	8.21	79	194778	48.09	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.49	45	170456	45.56	ng		96
17) 2-Methylphenol	8.43	107	172990	45.73	ng		96
18) Hexachloroethane	9.04	117	78641	45.83	ng		93
19) n-Nitroso-di-n-propylamine	8.76	70	157649	46.50	ng		98
20) 3+4-Methylphenols	8.76	107	236848	45.98	ng	#	83
22) Acetophenone	8.78	105	293207	45.88	ng		97
24) Nitrobenzene	9.16	77	238544	45.03	ng		99
25) Isophorone	9.68	82	445229	45.73	ng		99
26) 2-Nitrophenol	9.87	139	112405	49.60	ng	#	87
27) 2,4-Dimethylphenol	9.96	122	187822	55.89	ng		97
28) bis(2-Chloroethoxy)methane	10.17	93	248055	48.58	ng		94
29) 2,4-Dichlorophenol	10.43	162	200592	50.54	ng		99
30) 1,2,4-Trichlorobenzene	10.63	180	220297	46.98	ng		99
31) Naphthalene	10.81	128	594358	47.31	ng		99
32) Benzoic acid	10.14	122	126648	53.86	ng		94
33) 4-Chloroaniline	10.93	127	127985	24.37	ng		98
34) Hexachlorobutadiene	11.10	225	146718	44.26	ng		97
35) Caprolactam	11.70	113	71242m	48.91	ng		
36) 4-Chloro-3-methylphenol	12.08	107	227835	50.95	ng		99
37) 2-Methylnaphthalene	12.42	142	453015	48.38	ng		98
38) 1-Methylnaphthalene	12.64	142	429825	48.59	ng		94
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	258061	47.34	ng		98

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Quant Time: May 29 14:05:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	303822	96.56	ng		99
43) 2,4,6-Trichlorophenol	13.04	196	175909	46.45	ng		99
44) 2,4,5-Trichlorophenol	13.13	196	186851	43.18	ng		98
46) 1,1'-Biphenyl	13.43	154	588625	49.08	ng		99
47) 2-Chloronaphthalene	13.48	162	447739	45.98	ng		99
48) 2-Nitroaniline	13.68	65	144106	44.99	ng		87
49) Acenaphthylene	14.32	152	746957	47.75	ng		100
50) Dimethylphthalate	14.06	163	610926	45.63	ng		99
51) 2,6-Dinitrotoluene	14.17	165	141054	46.69	ng		91
52) Acenaphthene	14.66	154	553567m	52.87	ng		
53) 3-Nitroaniline	14.51	138	91186	29.69	ng		96
54) 2,4-Dinitrophenol	14.72	184	177751	89.15	ng		96
55) Dibenzofuran	15.00	168	716558	46.08	ng		98
56) 4-Nitrophenol	14.86	139	220241	94.72	ng		99
57) 2,4-Dinitrotoluene	14.96	165	200454	45.81	ng		98
58) Fluorene	15.65	166	596753	46.72	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.24	232	182322	47.89	ng		96
60) Diethylphthalate	15.42	149	638623	45.83	ng		99
61) 4-Chlorophenyl-phenylether	15.64	204	331329	45.33	ng		99
62) 4-Nitroaniline	15.68	138	143815	44.86	ng		96
63) Azobenzene	15.94	77	604786	46.54	ng		98
65) 4,6-Dinitro-2-methylphenol	15.73	198	133027	49.44	ng		92
66) n-Nitrosodiphenylamine	15.86	169	537651	48.47	ng		97
67) 4-Bromophenyl-phenylether	16.54	248	234410	46.85	ng		93
68) Hexachlorobenzene	16.66	284	251973	48.15	ng		98
69) Atrazine	16.81	200	212475	46.50	ng		99
70) Pentachlorophenol	17.01	266	273607	100.70	ng		97
71) Phenanthrene	17.39	178	974277	48.30	ng		100
72) Anthracene	17.48	178	1006680	49.70	ng		98
73) Carbazole	17.75	167	919761	46.59	ng		100
74) Di-n-butylphthalate	18.31	149	1110300	46.85	ng		99
75) Fluoranthene	19.40	202	1225829	47.78	ng		99
77) Benzidine	19.58	184	662644	54.68	ng		98
78) Pyrene	19.76	202	1207599	49.09	ng		99
80) Butylbenzylphthalate	20.65	149	492669	46.40	ng		98
81) Benzo(a)anthracene	21.59	228	1170528	48.69	ng		99
82) 3,3'-Dichlorobenzidine	21.51	252	311091	32.99	ng		99
83) Chrysene	21.65	228	1109747	48.01	ng		98
84) Bis(2-ethylhexyl)phthalate	21.50	149	695231	47.64	ng		98
85) Di-n-octyl phthalate	22.69	149	1174207	46.84	ng		100
86) Indeno(1,2,3-cd)pyrene	28.33	276	1459014	48.27	ng	#	95
88) Benzo(b)fluoranthene	23.76	252	1231679	47.91	ng		100
89) Benzo(k)fluoranthene	23.83	252	1222364	50.61	ng		99
90) Benzo(a)pyrene	24.61	252	1147133	47.91	ng	#	98
91) Dibenzo(a,h)anthracene	28.40	278	1187209	49.34	ng		98
92) Benzo(g,h,i)perylene	29.45	276	1206320	50.13	ng		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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